

Gas springs



Material:

Piston rod and pressure tube steel.

Fill medium: oil, nitrogen.

Version:

Piston rod, hard chromed.

Piston rod $\varnothing 4$ is stainless steel.

Pressure tube painted black.

Sample order:

nlm 26200-0412030X20 (include extension force F1)

Note:

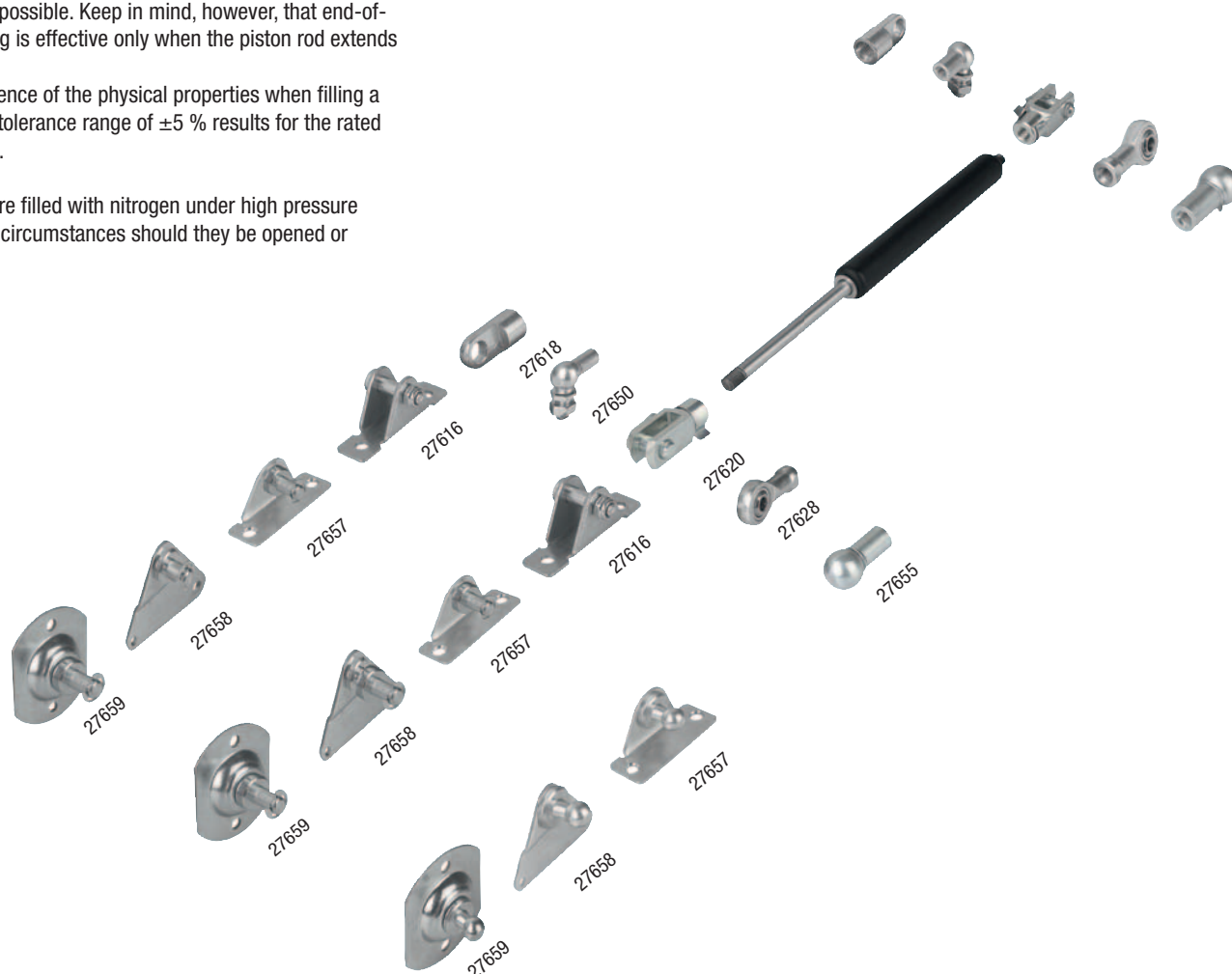
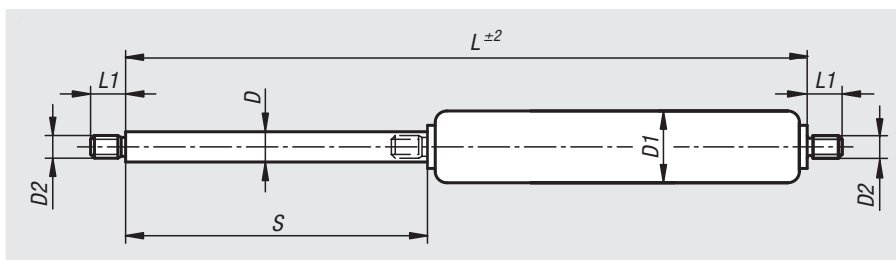
Individual filled gas springs are excluded from replacement.

Gas springs are maintenance-free, self-contained systems that are filled with nitrogen under high pressure. For end-of-travel damping and lubrication, a defined amount of oil is also contained inside. The gas springs contain a nonreturn valve in a threaded pin on the pressurised pipe, which allows the pushing force to be lowered at a later time.

Gas pressure springs in the sizes 04/12 and 06/15 must be stored and installed with the piston rod extending downwards. As of size 08/19, storage and installation in any orientation is possible. Keep in mind, however, that end-of-travel damping is effective only when the piston rod extends downwards.

As a consequence of the physical properties when filling a gas spring, a tolerance range of $\pm 5\%$ results for the rated pushing force.

Gas springs are filled with nitrogen under high pressure and under no circumstances should they be opened or overloaded.



Gas springs

On request:

Other extension forces.

Potential extension force F1 (min. - max.)

Size 04/12: 10 - 180 N

Size 06/15: 40 - 400 N

Size 08/19: 50 - 700 N

Size 10/23: 100 - 1200 N

Size 14/28: 150 - 2500 N

Accessories:

See adjacent illustration for connectors and hardware.

Order No.	Size	D	D1	D2	Travel S	L	L1	Progression %	Extension force F1 N
26200-0412030X	04/12	4	12	M3,5	30	92	5	20	20/40/70/100/130/150/180
26200-0412040X	04/12	4	12	M3,5	40	112	5	20	20/40/70/100/130/150/180
26200-0412050X	04/12	4	12	M3,5	50	132	5	20	20/40/70/100/130/150/180
26200-0412060X	04/12	4	12	M3,5	60	152	5	20	20/40/70/100/130/150/180
26200-0412070X	04/12	4	12	M3,5	70	172	5	20	20/40/70/100/130/150/180
26200-0412080X	04/12	4	12	M3,5	80	192	5	20	20/40/70/100/130/150/180
26200-0412100X	04/12	4	12	M3,5	100	232	5	20	20/40/70/100/130/150/180
26200-0615020X	06/15	6	15,6	M5	20	95	5	22	100/150/200/250/300/350/400
26200-0615040X	06/15	6	15,6	M5	40	135	5	22	100/150/200/250/300/350/400
26200-0615060X	06/15	6	15,6	M5	60	175	5	22	100/150/200/250/300/350/400
26200-0615080X	06/15	6	15,6	M5	80	215	5	22	100/150/200/250/300/350/400
26200-0615100X	06/15	6	15,6	M5	100	255	5	22	100/150/200/250/300/350/400
26200-0615120X	06/15	6	15,6	M5	120	295	5	22	100/150/200/250/300/350/400
26200-0615150X	06/15	6	15,6	M5	150	355	5	22	100/150/200/250/300/350/400
26200-0819060X	08/19	8	19	M8	60	190	10	30	100/150/200/250/300/350/400/500/600/700
26200-0819080X	08/19	8	19	M8	80	230	10	30	100/150/200/250/300/350/400/500/600/700
26200-0819100X	08/19	8	19	M8	100	270	10	30	100/150/200/250/300/350/400/500/600/700
26200-0819120X	08/19	8	19	M8	120	310	10	30	100/150/200/250/300/350/400/500/600/700
26200-0819140X	08/19	8	19	M8	140	350	10	30	100/150/200/250/300/350/400/500/600/700
26200-0819160X	08/19	8	19	M8	160	390	10	30	100/150/200/250/300/350/400/500/600/700
26200-0819180X	08/19	8	19	M8	180	430	10	30	100/150/200/250/300/350/400/500/600/700
26200-0819200X	08/19	8	19	M8	200	470	10	30	100/150/200/250/300/350/400/500/600/700
26200-0819220X	08/19	8	19	M8	220	510	10	30	100/150/200/250/300/350/400/500/600/700
26200-0819250X	08/19	8	19	M8	250	570	10	30	100/150/200/250/300/350/400/500/600/700
26200-1023050X	10/23	10	23	M8	50	170	10	30	150/200/250/300/350/400/500/600/700/800
26200-1023100X	10/23	10	23	M8	100	270	10	30	150/200/250/300/350/400/500/600/700/800
26200-1023150X	10/23	10	23	M8	150	370	10	30	150/200/250/300/350/400/500/600/700/800
26200-1023200X	10/23	10	23	M8	200	470	10	30	150/200/250/300/350/400/500/600/700/800
26200-1023250X	10/23	10	23	M8	250	570	10	30	150/200/250/300/350/400/500/600/700/800
26200-1023300X	10/23	10	23	M8	300	670	10	30	150/200/250/300/350/400/500/600/700/800
26200-1023350X	10/23	10	23	M8	350	770	10	30	150/200/250/300/350/400/500/600/700/800
26200-1428050X	14/28	14	28	M10	50	207	12	40	200/250/300/350/400/500/600/700/800
26200-1428100X	14/28	14	28	M10	100	307	12	40	200/250/300/350/400/500/600/700/800
26200-1428150X	14/28	14	28	M10	150	407	12	40	200/250/300/350/400/500/600/700/800
26200-1428200X	14/28	14	28	M10	200	507	12	40	200/250/300/350/400/500/600/700/800
26200-1428250X	14/28	14	28	M10	250	607	12	40	200/250/300/350/400/500/600/700/800
26200-1428300X	14/28	14	28	M10	300	707	12	40	200/250/300/350/400/500/600/700/800
26200-1428400X	14/28	14	28	M10	400	907	12	40	200/250/300/350/400/500/600/700/800